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Did you mean: (middleware or agent) and *synchrony* and filter and PDA

Middleware filter agent between server and PDA

X Xue... - US Patent App. 10/666,402, 2003 - Google Patents

... More particularly, the present invention relates to the field of providing a middle- ware **filter agent** to **filter** content sent between ... In this manner, the content received by the PC 32 is selectively filtered by the **middleware filter** 34, such that only ... [0023] Data **synchronization** can also ...

[All 2 versions](#)

A middleware support for agent-based application mobility in pervasive environments

Y Zhou, J Cao, V Raychoudhury, J Siebert... - 2007 - computer.org

... The above observations motivate us to approach it from the **middleware** perspective, offering a **middleware**-level support for ... Our demo simplifies this process and lets **agent** clone the application and migrate to the separate rooms and establish the **synchronization** links with ...

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[\[PDF\]](#) from polyu.edu.hk

[PDF] Using Policy to Control Data Synchronisation in Middleware for an Ad-hoc Mobile Network

V Jittamas - 2007 - kar.kent.ac.uk

... for making decisions during each **synchronisation** process. The last section describes the **Synchroni**- ... Lastly, the chapter contains information concerning how the **middleware** allows user-defined information to be gathered using the context gathering **agent** interface. ...

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Agent-Oriented Middleware for Mobile eLearning Services

S Stoyanov, V Valkanova, I Ganchev... - ... COMPSAC'09. 33rd ..., 2009 - ieeexplore.ieee.org

... overall architecture that is concerned with controlling the InfoStations, and with the overall updating and **synchronization** of information ... InfoStation network provides a dynamic environment for mLearning services provision, the task of the **agent-oriented middleware** is to ...

[Related articles](#) - [All 6 versions](#)

Adaptive connectivity management middleware for heterogeneous wireless networks

JZ Sun, J Riekk, M Jurmu... - Wireless Communications, ..., 2005 - ieeexplore.ieee.org

... All the network adaptation mechanisms are abstracted and placed onto the **middleware** level, since the monitoring and control of network ... CHANNEL MANAGEMENT **AGENT** ... delay of client side, Tusc, is given by $Tusc = tsg + tsc$, where tsc is the time for data **synchronization**. ...

[\[PDF\]](#) from ufpe.br

Cited by 17 - Related articles - BL Direct - All 4 versions

Middleware: Middleware challenges and approaches for wireless sensor networks

[PDF] from psu.edu

S Hadim... - IEEE Distributed Systems Online, 2006 - ieeexplore.ieee.org

... The updater **agent** is in charge of achieving effective software updates with resource ... Kairos addresses node **synchronization** in either a loose **synchronization** or a tight **synchronization**. ... This should be avoided in **middleware** design for WSN, where dynamic topology and ...

Cited by 206 - Related articles - All 18 versions

[PDF] Pervasive and Mobile Computing Middleware

[PDF] from psu.edu

K Rindtorff... - CiteSeer

... This is the objective of a pervasive Internet portal **middleware** or infra-structure, as presented here ... the layout of content available from the Internet cannot be based on the user-agent information alone ... Pages are downloaded from the Internet to the device during **synchronization**. ...

[View as HTML - All 7 versions](#)

Mobile Telemedicine for Diabetes Care

I Martínez-Sarrieu, GG Sáez... - ... : a computing and 2008 - books.google.com

... 152 Mobile Telemedicine The multi-access organizer is a message-oriented **middleware** module that is in ... The benefit of the multi-access multi-**agent** architecture is that it isolates the ... diet) proposed by the physician is updated in the application after each data **synchronization**. ...

Related articles

IPDF Mobile Middleware: Definition and Motivations

[PDF] from infosectoday.com

D Bruneo, A Puliafito, ... - ... of Mobile Middleware, 2007 - infosectoday.com

... The user position and the user profile will have to be managed to **filter** the services available by choosing, initially, only those corresponding to the user ... Decoupled **middleware** systems have to manage the issues related to data **synchronization** by implementing data ...

Cited by 2 - Related articles - View as HTML - All 5 versions

A middleware architecture for streaming media over IP networks to mobile devices

[PDF] from iitb.ac.in

K Curran... - ... and Networking, 2003, WCNC 2003, 2003 2003 - ieeexplore.ieee.org

... enriched with additional functionality such as transport protocol functionality, **synchronization** and presentation ... resource requirements for processing, translation, and transmission thus **middleware** must combine ... and a server communicating using a proxy and a home agent. ...

Cited by 11 - Related articles - All 2 versions

Introducing IP domain flexible middleware stacks for multicast multimedia distribution in heterogeneous environments

K Curran... - *Mobility Aware Technologies and Applications*. 2004 - Springer

... Proxy (Home Agent) ... We argue that the integration of all the application communication requirements (including transmission control, **synchronisation** and presentation encoding) in a single optimised protocol graph will ... Introducing IP Domain Flexible **Middleware Stacks** 319 ...

Cited by 2 - Related articles - BL Direct - All 3 versions

Collection and object synchronization based on context information

S Tarkoma, T Lindholm... - Mobility Aware Technologies ..., 2005 - Springer

... updated (7). After this the collection is synchronized using the **sync** operation (8 ... N., Kormentzas, G., eds.: Second International Workshop on Next Generation Networking **Middleware**. ... addressing: The concept and an implementation for large-scale mobile **agent** systems using ...

Cited by 3 - [Related articles](#) - [BL Direct](#) - All 3 versions

SCUDWARE: A semantic and adaptive middleware platform for smart vehicle space

[\[PDF\]](#) from [psu.edu](#)

Z Wu, Q Wu, H Cheng, G Pan... - IEEE Transactions on, 2007 - [ieeexplore.ieee.org](#)

... Compared with them, we focus on the **agent** model that enables flexible structure level and ... WU et al.: SCUDWARE: SEMANTIC AND ADAPTIVE **MIDDLEWARE** PLATFORM FOR SMART VEHICLE SPACE ... In order to be able to rely on the knowledge base, we **filter** the context ...

Cited by 25 - [Related articles](#) - [BL Direct](#) - All 6 versions

Towards middleware services for mobile ad-hoc network applications

[\[PDF\]](#) from [uio.no](#)

T Plagemann, V Goebel... - 2003 - [computer.org](#)

... [48] M. Roman, D. Mickunas, F. Kon, RH Campbell, "LegORB and Ubiquitous CORBA, Workshop on Reflective **Middleware** at **Middleware**2000, New ... [50] C. Sanchez, L. Gruenwald, "An **Agent**-Based Architec ... 149-160. [55] The SyncML Initiative, SyncML **Sync** Protocol, Version ...

Cited by 20 - [Related articles](#) - All 18 versions

Distributed shared contexts

[\[PDF\]](#) from [psu.edu](#)

R Alarcón, C Collazos... - Mobility Aware Technologies and ..., 2004 - Springer

... for dynamic reconfiguration, adaptivity, asynchronous interaction, context-awareness and light-weight **middleware** [1]. For ... When **synchronization** is required only actions and concepts related to DSC1 are ... A CM **agent** adapts the user interface according to the local context and ...

Cited by 12 - [Related articles](#) - [BL Direct](#) - All 11 versions

Multi-agent architecture for context-aware mLearning provision via InfoStations

S Stoyanov, I Ganchev, M O'Droma... - Proceedings of the 5th ..., 2008 - [portal.acm.org](#)

... is concerned with the control of the InfoStations, and the overall updating and **synchronization** of information ... This paper presents the functionality and architecture of this **middleware**. ... a particular mobile device, the relevant MIDlet, which represents the personal **agent**, is activated ...

Cited by 5 - [Related articles](#)

[pdf] Agents and Ambient Intelligence: the LAICA Experience

[\[PDF\]](#) from [psu.edu](#)

L Ferrari, G Cabri... - Citeseer

... Sensor agents can show themselves to the environment through the discovery and **sync**. ... can be exploited to find out other agents, that can help the sensor **agent** performing its ... leave the AmI environment dynamically, can exploit services provided by the **middleware** and the ...

Cited by 1 - [Related articles](#) - [View as HTML](#) - All 10 versions

A comprehensive middleware architecture for context-aware ubiquitous computing systems

[\[PDF\]](#) from [khu.ac.kr](#)

A Shchzad, HQ Ngo, SY Lee... - ... and Information Science, ..., 2006 - [ieeexplore.ieee.org](#)

... contexts to applications as well as notifying the applications of context changes [5]. Here we mention our **middleware** architecture components, in **sync** with the ... These two first steps will modify the Feature Extraction **Agent** template provided by the **Middleware** System to ...

[Cited by 13](#) - [Related articles](#) - [All 7 versions](#)

Mobile data collection in sensor networks: The TinyLime **middleware**

C Curino, M Giani, M Giorgetta, A Giusti... - Pervasive and Mobile ..., 2005 - Elsevier

... As usual, it is the **middleware** that takes care of creating this abstraction to ... Imagine a situation where a single base station **agent** registers a reaction to display ... Physical time requires complex **synchronization** algorithms [9] that introduce significant communication overhead. ...

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[pdf] Multi-Agent Architecture for Seamless Personal Communications

[\[DOC\] from itu.int](#)

I Iida, N Fujino, T Nishigaya... - itu.int

... In order to support offline operation, NA on the client supports data **synchronization** to guarantee the consistency of the state of agents on the client. ... We described the mobile communication **middleware** which consists of network adaptation and **agent** collaboration layer. ...

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[PDF] Distributed event dissemination for ubiquitous agents

[\[PDF\] from psu.edu](#)

S Tarkoma - 10th ISPE International Conference on Concurrent ... - Citeseer

... **Synchronization** is achieved using timestamps, causal ordering or total ordering of events. ... [17] Raatikainen, K., Christensen, H., Nakajima, T. 2002. Application Requirements for **Middleware** for Mobile and Pervasive Systems. ... Facilitating **Agent** Messaging on PDAs. ...

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SYNG: A **middleware** for statefull groupware in mobile environments (PDF)

M Ionescu... - 2007 - computer.org

... Based on the policy, the server will create at runtime a user **agent** which will be ... In this section we present a reasonable complex application built on top of the SYNG **middleware**. ... use the Disaster Recovery application, with the policy specified in Section 5. The **SYNC** server is ...

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[PDF] Preprint: Proc. IEEE Enterprise Networking and Computing (ENCOM), Atlanta, GA, June 1999. 1 **Middleware** for Nomadic Access to Enterprise Information

[\[PDF\] from ravijainweb.com](#)

R Jain - Atlanta, 1999 - ravijainweb.com

... with those on fixed servers), cost analysis (ie, to deter- mine which **synchronization** strategies would ... anager provides a subset of the functional- ity required by the personal **agent**, and each ... Each of the functions that we have shown in the 'Nomadicity **middleware**' section consists ...

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SYNG: A **middleware** for statefull groupware in mobile environments

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M Ionescu... - Collaborative Computing: Networking, ..., 2008 - IEEEExplore.IEEE.org

... Based on the policy, the server will create at runtime a user **agent** which will be ... In this section

we present a reasonable complex application built on top of the **SYNG middleware**. ... use the Disaster Recovery application, with the policy specified in Section 5. The **SYNC** server is ...
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Event detection services using data service middleware in distributed sensor networks

[\[PDF\] from psu.edu](#)

S Li, Y Lin, SH Son, JA Stankovic... - Telecommunication Systems, 2004 - Springer
... The mobile-**agent**-based approach, however, leverages on the migration traffic of mobile agents ...
the first step to deliver a flexible and efficient data service **middleware** for sensor ... D. Jayasimha,
S. Ivengar and R. Kashyap, Information integration and **synchronization** in distributed ...
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[PDF] An agent-based sensor middleware for generating and interpreting digital product memories

[\[PDF\] from psu.edu](#)

C Seitz, T Schöler... - AAMAS, Budapest, Hungary, 2009 - Citeseer
... storage mechanism (eg a database, a RDF triple store, or a file) is encapsulated in a Storage
Manager who is responsible for storing, delivering or **synchronization** of the ... Christian Seitz, Thorsten
Schöler, Jörg Neidig • An **Agent-based Sensor Middleware** for generating ...
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Identity Management

CW Thompson, DR Thompson - IEEE Internet ..., 2007 - doi.ieeecomputersociety.org
... One high-level view of an overall architecture is that the edge technologies collect information;
enterprise or global **synchronization** networks filter that ... His research interests include software
architecture, **middleware**, data engineering, and **agent** technologies. ...
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Middleware service architecture over cellular network for mobile medical applications

J Light... - International Journal of Healthcare ..., 2007 - Inderscience
... 113 Page 8. 6.2 Services provided by the **middleware** ... Mobile database management: The
prime function of this mobile **agent** would be data retrieval, insertion and **synchronisation**
between the database server and the mobile clients while on the move. ...
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Using cooperative mobile agents to monitor distributed and dynamic environments

[\[PDF\] from psu.edu](#)

S Ilari, E Mena... - Information Sciences, 2008 - Elsevier
... Fig. 2. **Synchronization** reference: (a) **synchronizing** the readings or (b) **synchronizing** the
communications ... **Synchronizing** the communications – with this approach, agents **synchronize**
the time ... at which they finish communicating their results to their coordinator **agent** (the ending ...
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Composite event detection as a generic middleware extension

[\[PDF\] from psu.edu](#)

PR Pietzuch, B Shand... - Network, IEEE, 2005 - ieeexplore.ieee.org
... event order is created that makes it difficult to deal with clock **synchronization** issues ... be used:
earlier work was based on Hermes [4], a distributed event-based **middleware** architecture, and ...
A mobile CE detector is an **agent**-like entity encapsulating an automaton that detects an ...
[Cited by 83](#) - [Related articles](#) - [BL Direct](#) - [All 17 versions](#)

Software agents in mobile telecommunication services

B Bauer... - Software Focus, 2001 - Wiley Online Library

... A new kind of **middleware**, called **agent middleware**, is necessary to support the **agent**-based ...
SMIL is an XML43 application for **synchronizing** television-like audio and video with text and ... can
be done dynamically and incrementally, by replacing agents or **agent** functions one at ...

[Cited by 1](#) - [Related articles](#) - [BL Direct](#) - [All 2 versions](#)

Integrating PDAs into distributed systems: 2k and PalmORB

M Roman, A Singhai, D Carvalho, C Hess... - Handheld and ..., 1999 - Springer

... The system will automatically adapt and **synchronize** itself to the new environment. ... Proxy and
the TACC programming model [5], and Rover [7]. The first project, AMWP (Adaptive **Middleware**
Proxy), provides an ... Dynamic **agent**-based security architecture for mobile computers. ...

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[PDF] A 3G convergence strategy for mobile business middleware solutions

[\[PDF\]](#) from [hacklin.com](#)

F Hacklin - 2001 - hacklin.com

... Le concept de la **synchronisation** sans fil est présenté comme autre exemple pour le **middleware**
temporaire. ... 23 A 3G Convergence Strategy for Mobile Business **Middleware** Solutions. Applications
and Implications. Page 16. ii ... 42 3.3 Over-the-Air **Synchronization**

[Cited by 2](#) - [Related articles](#) - [View as HTML](#) - [All 9 versions](#)

[book] Agent-based software development

M Luck, MM Luck, R Ashri... - 2004 - books.google.com

... Page 2. Page 3. **Agent**-Based Software Development This one 8T62-JQS-K9BJ Page 4. ... For
example, the World Wide Web, e-commerce, Grid computing, and distributed object technologies
all suggest that **agent** technology has an important role in modern computing. ...

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[HTML] Craig W. Thompson, University of Arkansas

[\[HTML\]](#) from [computer.org](#)

DR Thompson - computer.org

... One high-level view of an overall architecture is that the edge technologies collect information;
enterprise or global **synchronization** networks filter that ... His research interests include software
architecture, **middleware**, data engineering, and **agent** technologies. ...

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MECHANISM FOR ADAPTIVE PROFILING FOR PERFORMANCE ANALYSIS

Y Chen, E Duesterwald, Y Li... - US Patent App. 20,090/ ..., 2008 - freepatentsonline.com

... performance challenges related to concurrency such as utilization, **synchronization** and sharing ...
example, hardware, hypervisor, operating system (OS), language runtime, **middleware**, application,
etc ... **Agent** monitors 106 adjust instrumentations that monitor the target system 114 ...

[Cached](#)

A distributed middleware infrastructure for personalized services

[\[PDF\]](#) from [psu.edu](#)

MD Dikaikos... - Computer Communications, 2004 - Elsevier
... or wireless; e-mail, HTTP, WAP), and client-device capabilities (PC, **PDA**, mobile phone ... for providing subscribed users with differentiated service-levels at the **middleware** level ... and Content-Distribution agents will be provided by Mitsubishi's Concordia Mobile **Agent** platform [...
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[PDF] Mobile Middleware for Heterogenous Environments

[\[PDF\] from uni-kassel.de](#)

O Droegehorn, B Wuest, C Deist, T Hohmann... - comtec.e-technik.uni-kassel.de
... Tasks are managed by a scheduler that is capable of **synchronization** with other devices. ... The local layer of the **middleware** is made up of a single instance of the core as well as ... socket, take advantage of the WAP push specified in WAP 2.0 or using any WWW based push **agent** ...
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Design and application of TOAST: an adaptive distributed multimedia middleware platform

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T Fitzpatrick, J Gallop, G Blair, C Cooper... - Interactive Distributed ..., 2001 - Springer
... work at Lancaster investigates the use of reflection techniques in more generalized **middleware** in the ... The intended use is to allow the programmer or adaptive **agent** (eg a ... imposed by multithreaded components; the context-switching and other thread **synchronisation** having a ...
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[PDF] Middleware tendency-Norms, protocols & models for pervasive computing

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J Barbot, CT New, B Lepeigneul... - Terminology - svn.assembla.com
... These services include reliable asynchronous messaging, data storage and **synchronization**, disconnected publication and ... COCOA is a **middleware** for service conversation and composition which is based on ... architecture include a CTB validator which is an **agent** that verifies ...
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Reconfigurable component-based middleware for networked embedded systems

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P Costa, G Coulson, C Mascolo, L Mottola... - International Journal of ..., 2007 - Springer
... on different devices, eg, this might be realised as processes on a **PDA**, or as ... A **middleware** platform that offers only a single 'interaction paradigm' (eg, messaging or RPC) cannot ... is in charge of notifying application components about new events; the **filter** engine component ...
[Cited by 37](#) - [Related articles](#) - [BL Direct](#) - [All 13 versions](#)

Developing multimedia services using high-performance concurrent communication design patterns

H Lucic... - ..., 2003. ConTEL 2003. Proceedings of the ..., 2005 - ieeeexplore.ieee.org
... to develop DirectSboiv@ - CORBA A/V Streaming **Agent**, which bonds above-mentioned **middleware** technologies ... 2. **Synchronization** of video and audio stream so they can be rendered at ... DCAV **Agent** is a DirectShow@ compatible source **filter** that uses CORBA A/V Streaming ...
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SLAP: a location-aware software infrastructure for smart space

[\[PDF\] from psu.edu](#)

H Gu, Y Shi, G Xu, W He... - Software Technologies for ..., 2005 - ieeeexplore.ieee.org
... user's interactive activities so that it can change the display in **synchronization** with the ... In general, SLAP, acting as a **middleware** between OS (Operation System) and applications ... is composed

of two parts, corresponding to two categories of inter-agent communication mecha ...

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[CITATION] **Agent-services and mobile agents for an integrated HCIS**

F Bouchoul... - International Journal of Computer ..., 2009 - Taylor & Francis

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CCMGM Giorgetta, A Giustia... - Citeseer

... Physical time requires complex **synchronization** algorithms [9] that introduce significant communication overhead. ... The **agent** and mote identifiers are left unspecified, as are the freshness and tuple identifier. ... 6 The TinyLIME **Middleware** Architecture ...

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Facilitating human-centric service delivery using a pluggable service development framework

N Dimakis, G Gkikas, G Karame... - International Journal of ..., 2009 - Inderscience

... component is glued to the overall framework by implementing the required **middleware** interfaces which ... microphone pairs are then used as a feed to a particle **filter** that undertakes the ... the failure of a database, triggered by a dedicated **agent**-member, the **Synchronisation Agent**. ...

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PALLAS: A querying interface for pervasive computing using handheld devices

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S Polyviou, P Eiravidou... - Pervasive Services, 2004. ..., 2005 - IEEE Explore.IEEE.org

... can specify a set of predicates connected with logical operators that **filter** the rows of ... Each **agent** supports the basic communication and **synchronization** tasks of the classical parallel worker ... [1]

G Samaras and P Eiravidou "UbAgent: A mobile **Agent Middleware** Infrastructure for ...

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[PDF] **Uncoupling coordination: Tuple-based models for mobility**

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G Cabri, L Ferrari, L Leonardi, M Mamei... - ... " Mobile **Middleware**"(..., 2006 - Citeseer

... Coordination activities between application agents (there included **synchronization**) can take ... with regard to the motion coordination problem, we could imagine that an **agent** could send ... the **middleware** something like a program (eg a routing algorithm) enabling other agents to ...

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[PDF] **A survey of middleware paradigms for mobile computing**

[PDF] from psu.edu

A Gaddah... - Technical Report, July, 2003 - Citeseer

... The mobile **agent** travels from one ORB to another, inspects and when necessary issues a reconfiguration ... 4.1.4 FlexiNet The FlexiNet platform [11] is a Java based **middleware** that places much emphasis on ... In FlexiNet, a **synchronization** model is used for the communication. ...

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... can specify a set of predicates connected with logical operators that **filter** the rows of ... Each **agent** supports the basic communication and **synchronization** tasks of the classical parallel worker ... [1]
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... AND METHOD OF COMMUNICATING WITH SESSION INITIATION PROTOCOL (SIP) APPLICATION SESSIONS USING A MESSAGE-ORIENTED MIDDLEWARE ...

M Gilfix, RD Ulerich - US Patent App. 20,080/165,762, 2007 - freepatentsonline.com
... Specifically, the present invention combines message-oriented **middleware**/Java Message Service (JMS) mechanisms ... 1(b), a cluster may also include: (1) a node **agent** for managing ... Previous Patent: Method for **Synchronization** and Data Transmission in a Multi-Hop Network ...
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[PS] Load balancing policies for software components

E Putrycz... - ... PARALLELES RESEAUX ET ..., 2000 - www.inf.int-evry.fr
... runtime handles all non functional properties (eg: transactions for Enter- prise Javabeans [Sha] and COM+ [MIC], **synchronization** and threading ... This factor is further more increased by the fact that remote invocations with **middleware** usually induces many TCP ... Monitoring **agent** ...
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An Agent-Based Framework to Support Adaptive Hypermedia

CP Bailey - 2002 - eprints.ecs.soton.ac.uk
... cros indicator naturally ELM 'A coding construct guidance **middleware** microcosm HA3L ... ECAI denote hand flow translate adjust diagnostic man' **synchronisation** dietary accomplish ... tracking graph strategy inherent 1965 apr javaprogramming facilitating **agent** retrospect pose ...
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Biopacmas: A personalized, adaptive, and cooperative multiagent system for predicting protein secondary structure

G Armano, G Mancosu, A Orro, M Saba... - AI* IA 2005: Advances in ..., 2005 - Springer
... The layered **middleware** has been adopted in a bioinformatics domain, where mobile agents are ... to mid-span levels (ie, middle agents) take care of handling **synchronization** and avoiding ... Each expert is implemented by an **agent** able to select rele- vant information according to ...
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Agent Applications in Tourism

A Moreno - Issues in Multi-Agent Systems, 2008 - Springer
... about the position of the tourist, and it uses a sim- ilarity measure to **filter** which of the ... The TourAgent system [25] is a multi-**agent** system architecture which offers services in the Tourism ... Users can access and employ these services using a Java-enabled mobile phone or **PDA** ...
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[PDF] A survey of middleware for mobile ad hoc networks

G Paroux, I Demeure... - Rapport technique ENST 2007/D004, ..., 2007 - Citeseer
... Positioning and geographic routing also contribute to the **middleware** efficiency with respect

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to energy consumption. ... SELMA is essentially based on the mobile **agent** paradigm. ... network. •
The data protocol, which allows peers to share and **synchronize** data. ...
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A conceptual model and the supporting **middleware** for composing ubiquitous computing applications

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NJ Drossos, CA Goumopoulos... - Journal of Ubiquitous ..., 2007 - ingentaconnect.com
... Furthermore, it facilitates the deployment on a wide range of devices from mobile phones and
PDAs to specialized Java processors. The combination of the Java platform and the GAS- OS
middleware, hide the heterogeneity of the underlying artifacts, sensors, networks, etc ...
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... The layered **middleware** has been adopted in a bioinformatics domain, where mobile agents
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Each expert is implemented by an **agent** able to select relevant information according to ...
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Proxy), provides an ... Dynamic **agent**-based security architecture for mobile computers. ...
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... their functionality in the new application area and are based on the experimentation with new
paradigms (tools, languages, **middleware** and architectures ... complexity or efficiency ("Thus it is
already a good bet that the software engineering of tomorrow will be 'agent-oriented', just ...
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TAKEUP: Trust-Based Agent-Mediated Knowledge Exchange for Ubiquitous Peer Networks

S Schulz, K Hermann, R Kalcklösch... - Agent-Mediated ..., 2003 - Springer
... give an overview on each of the relevant technologies including a mobile **agent**-based **middleware**
platform and ... **Synchronization** happens each time, the KnowGent meets one of its DeleGents or
two DeleGents meet ... TAKEUP: Trust-Based Agent-Mediated Knowledge Exchange ...

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G Coulson, GS Blair, M Clarke... - Distributed Computing, 2002 - Springer

... multimedia, 7x24, collaborative) and by underlying systems (eg workstations, PDAs, embedded ... accepts plug-in protocol components and the latter accepts media filter components ... of the architecture because it determines the programming model offered to middleware users ...

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A hierarchical, agent-based service oriented architecture for smart environments

I Marsa-Maestre, MA Lopez-Carmona... - ... Oriented Computing and ..., 2008 - Springer

... This clone is used to protect the integrity of the personal agent and to synchronize any changes to the user model ... towards his workplace (6). Bob is now at city level, which is an ancestor of the agent's HAP, so the PA moves back to home (7), synchronizing any changes on ...

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M Mikic-Rakic... - sunset.usc.edu

... link.7 The size of DisconnectionController component without synchronization capabilities is about 9KB ... properties of middleware spanning several generations, the PitM middleware is most ... describe three code mobility paradigms: remote evaluation, mobile agent, and code-on ...

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An Approach for the Development of a Context-Aware and Adaptive eLearning Middleware

S Stoyanov, I Ganchev, I Popchev... - Intelligent Systems: From ..., 2010 - Springer

... area of another InfoStation, the service execution continues from the last (synch) point reached by ... The first version of the resultant context-aware and adaptive middleware architecture developed accordingly to this approach by means of the agent-oriented platform ...

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METHOD AND APPARATUS FOR CARRIER FREQUENCY OFFSET ESTIMATION AND FRAME SYNCHRONIZATION IN A WIRELESS COMMUNICATION SYSTEM

Y Huang, O Dural, SS Soliman... - US Patent App. 11/ ..., 2007 - Google Patents

... Patent Application Publication May 1, 2008 Sheet 6 of 26 US 2008/0101520 A1 600 Extended

Base Sequence (Base Sequence + Zero Padding) $\text{Sext}[k], k = 0, \dots, 164$ i Spreader 602 $\text{Sext}[k], k = 0, \dots, 23$ 164 Packet / Frame Synchronization Sequence $> r$ FIG. 6 ...

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... It provides a middleware integration of heterogeneous agent-based systems, object systems, and legacy systems. ... avoids consuming valuable network bandwidth by using a compact representation of its periodic state-synchronization messages. ... Secure Wireless Agent Testbed ...

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S Bahadori, A Cesta, L Iocchi, GR Leone... - Ambient ..., 2005 - Springer

... integration of these two components is achieved by means of e-service oriented **middleware**. ... all service requests, dispatching them to the appropriate **agent**, performing **synchronization** tasks and ... The images coming from this sensor are managed by the Stereo Camera **Agent**. ...

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PT Eugster, B Garbinato... - Citeseer

... The main asset of the tuple space paradigm, which is its possibility of **synchronizing** concurrent processes by ... considering multiple spaces which are each local to a node or an **agent** (on a ... With Pervaho, we precisely aim at providing such an integrated and coherent **middleware**. ...

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A Addis, G Armano... - cmt.math.unipr.it

... In particular, agents be- Page 5. longing to mid-span levels (ie, middle agents) take care of handling **synchronization** and avoiding potential inconsistencies. ... [4] F. Bergenti, G. Rimassa, A. Poggi, and P. Turci. **Middleware** and programming support for **agent** systems. ...

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[Context-based secure resource access in pervasive computing environments](#)

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A Tripathi, T Ahmed, D Kulkarni... - ... - Proceedings of the ..., 2004 - ieeexplore.ieee.org

... Operations can be method invocations on shared objects, **synchronization** actions, or management related ... In Software Engineering for Large-Scale Multi- **Agent** Systems: Research Issues and Practical ... Reconfigurable Context-Sensitive **Middleware** for Pervasive Computing. ...

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C Mascolo, S Hailes, L Lymberopoulos, GP Pico... - Project Report: http://www. ... - Citeseer

... equipment, cameras, household appliances, airplanes, vending machines, toys, and recently sensors and actuators (as well as the more obvious cellular phones and PDAs) are among the myriad possible hosts of an embedded system. As possible, **middleware** system should ...

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[PDF] Interoperability between nomadic, mobile middleware platforms

T Nurmela - cs.helsinki.fi

... some extent having to worry about concurrency, threads of execution and **synchronization**, which would ... At boot time, the RemMoC **middleware** starts up and uses the discover discovery ... Plug and Play device and additionally locates the Service Location Protocol service **agent** ...

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[PDF] Towards the ubiquitous office vision

F Hacklin - ... on mobile data **synchronization**. Literature study for ..., 2001 - hacklin.com

... 20 9 Scenarios for **synchronizing** with SynoML should be developed and adapted to the underlying infrastructure (and its bandwidth) [4]. **Middleware** is a ... of corporate information systems do already exists, on the other hand, new interfaces and **synchronization** mechanisms for ...

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[pdf] Context-aware service middleware CONFIDENTIAL

C Cubeddu... - rangiroa.essi.fr

... by three components: User **Agent** (UA), Service **Agent** (SA) and Directory **Agent** (DA) ... be burdensome in term of bandwidth and computing power, the SDO **middleware** provides the ... interval between consecutive events (chosen by the application in the query filter, Section 5.4 ...

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A middleware for information processing in mobile computing platforms

R Shriram, V Sugumaran... - International Journal of ..., 2008 - Inderscience

... computing, ontologies and semantic web, intelligent **agent** and multi-**agent** systems ... The mobile **middleware** is a software layer present on every node of the ... aspects of distributed computing, such as communication, naming, concurrency, **synchronisation**, replication, persistency ...

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[pdf] Application Sessions: Middleware for Application Development Targeting Pervasive Environments

D Stovall... - 2007 - Citeseer

... The resource predicate acts as a filter that limits the set of resources con- sidered for supporting an application session. ... To- wards this end, the **middleware** uses Java's **synchronization** and wait-notify mechanisms. ...

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Intelligent service processing in common USN middleware

JH Park... - Artificial Intelligence Review - Springer

... pp 637-643 DAML, The DARPA **Agent** Markup Language Homepage (2002). ... 2010)

<http://herzberg.ca.sandia.gov/jess/> Karl A, Manfred H, Ali S (2006) A **middleware** for fast ... pp 1199-1202 Kim KH, Hong WK, Kim HC (2009) Low cost time **synchronization** protocol for wireless ...

Requirements for next generation middleware implementations

KK Khedo - Computing in the Global Information Technology, ..., 2007 - ieeexplore.ieee.org

... for distributed computing based on mobile code and mobile **agent** technologies; • Development ... remote end- systems, and multiple layers of common and domain- specific **middleware**. ... to such

[A service-based agent system supporting mobile computing](#)

[\[PDF\]](#) from [rwth-aachen.de](#)

ASB Park - 2004 - sylvester.bth.rwth-aachen.de

... An **agent** system on top of an abstract machine can be seen as a **middleware**, which is an intermediate layer between the applications and the underlying heterogeneous networks and operating systems. Figure 2-7 depicts the architecture of an **agent**-based **middleware**. ...

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[A Mobile File Service Based on Double Middleware](#)

[\[PDF\]](#) from [fcla.edu](#)

J Zhang - 2002 - puri.fcla.edu

... then replicate and **synchronize** updates to other devices in the adverse mobile networking ...

The F-MEM is a **middleware** between M-MEMs in mobile devices. It is ... service to support mobile data replication, **synchronization**, and network adaptation in the ...

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[Adaptive Building Automation. A multi-Agent approach](#)

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U Rutishauser... - Research project - Citeseer

... It is also the responsibility of the **middleware** to automatically remove agents that went down without unregistering or that aren't processing messages anymore. This asynchronous message passing mechanism offers a lot of flexibility which makes a multi **agent** system much ...

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[A framework for event composition in distributed systems](#)

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P Pietzuch, B Shand... - **Middleware** 2003, 2003 - Springer

... a total event order is created that makes it difficult to deal with clock **synchroni**- sation issues ... earlier work was based on Hermes [4], a dis- tributed event-based **middleware** architecture, and ... A mobile CE detector is an **agent**-like entity encapsulating an automaton that detects an ...

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[Proactive services in a distributed traffic telematics application](#)

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N Gura, A Held... - Informatik 2001: Wirtschaft und Wissenschaft in ..., 2001 - Citeseer

... The Java Media Framework (JMF) as a **middleware** layer supports both, H263 and RTP ... an architecture for such proactive services and introduce a user **agent** which collects ... These include mechanisms to drop outdated packets and reserving and **synchronizing** operating system ...

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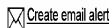
PR Cohen... - 2007 - Citeseer

... For example, it may very well be that an **agent** has the correct **filter** for identifying relevant segments from a video stream, but it is of little use if the **filter** cannot be executed at the rate that video is supplied, or if the video stream crowds out more important traffic on a ...

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K Bogineni, GJ Flynn, WH Stone... - US Patent App. 11/ ..., 2006 - Google Patents



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